

# Industrial Technology

- *Do you like to work with your hands and create things?*
- *Are you thinking about becoming an Engineer?*
- *Or perhaps an Architect?*
- *Are you thinking about a career in Construction?*
- *Does a career in Manufacturing interest you?*



## **CONSTRUCTION /MANUFACTURING (Shop)**

Students will learn how to use the basic tools of the woodworking trade. Shop safety, manufacturing procedures, advanced training facilities, employment opportunities and work place skills are areas of emphasis in the program. Students perform work in the areas of woodworking, robotics, electronics, pneumatics, hydraulics, magnetic levitation, plastics and material science.

## **DRAFTING**

Students will learn basic Mechanical and Architectural Drawing techniques. They will have access to all the tools of the trade and get acquainted with CAD, a computer-assisted design system used by architects and engineers. Areas of emphasis in the program are engineering and architectural education, including related employment opportunities. Students explore careers in related fields, and information on schools for future training is presented.



*Would you like a job creating technical drawings for these companies?*

- **Boeing**
- **Microsoft**
- **Qwest**
- **Paccar**
- **Intel**
- **Infospace**

***LEARN AUTO CAD!!***

## **TECH PREP**

*Find out how you can earn college credit for the work you do in these classes while you are in High School.*

## **AVAILABLE COURSES**

### **CONSTRUCTION / MANUFACTURING TECHNOLOGY**

Credits	Prerequisite	Special Information
.5 per semester	None	Fee, Occupational Ed Credit,
Year Course		Tech Prep

**DESIGN TECHNOLOGY 1&2 (DRAFTING)**

Credits

.5 per semester

Year Course

Prerequisite

None

Special Information

Occupational Ed Credit,

Tech Prep

**INDUSTRIAL TECHNOLOGY**

Credits

.5 per semester

Year Course

Prerequisite

None

Special Information

Occupational Ed Credit,

Tech Prep

**WOODWORKING**

Credits

.5 per semester

Semester Course

Prerequisite

None

Special Information

Occupational Ed Credit

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